

```

class linreg
{
public:

    void          setup()
    real scalar  N()
    real scalar  k()
    real scalar  K()
    real colvector b_x()
    real scalar  b_c()
    real colvector b()
    real matrix   v()
    real scalar  s2()
    real scalar  ee()
    real colvector yhat()

protected:

    // ----- inputs
    pointer(real colvector) scalar  y
    pointer(real matrix) scalar    x
    real scalar                cons

    // ----- derived

    real matrix   xx          // x'x; K x K
    real colvector xy         // x'y; K x K
    real matrix   xxinv      // (x'x)^(-1); K x K
    real colvector b         // coefficients; K x 1
    real matrix   v          // variance matrix (VCE); K x K
    real scalar  s2         // variance of e
    real scalar  yy         // y'y
    real scalar  ee         // e'e, error sum of squares
    real scalar  k_adj
    real scalar  k_adj

/*
    Deviation from mean notation:
        s = X - mean(X)    X as deviation from mean
        t = y - mean(y)    y as deviation from mean
*/
}

```

Programming In Stata And Mata

J Dewey



Programming In Stata And Mata:

Programming In Stata And Mata Book Review: Unveiling the Magic of Language

In a digital era where connections and knowledge reign supreme, the enchanting power of language has are more apparent than ever. Its power to stir emotions, provoke thought, and instigate transformation is really remarkable. This extraordinary book, aptly titled "**Programming In Stata And Mata**," written by a very acclaimed author, immerses readers in a captivating exploration of the significance of language and its profound effect on our existence. Throughout this critique, we will delve into the book is central themes, evaluate its unique writing style, and assess its overall influence on its readership.

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